NRO APPROVED FOR RELEASE 10 JUNE 2014

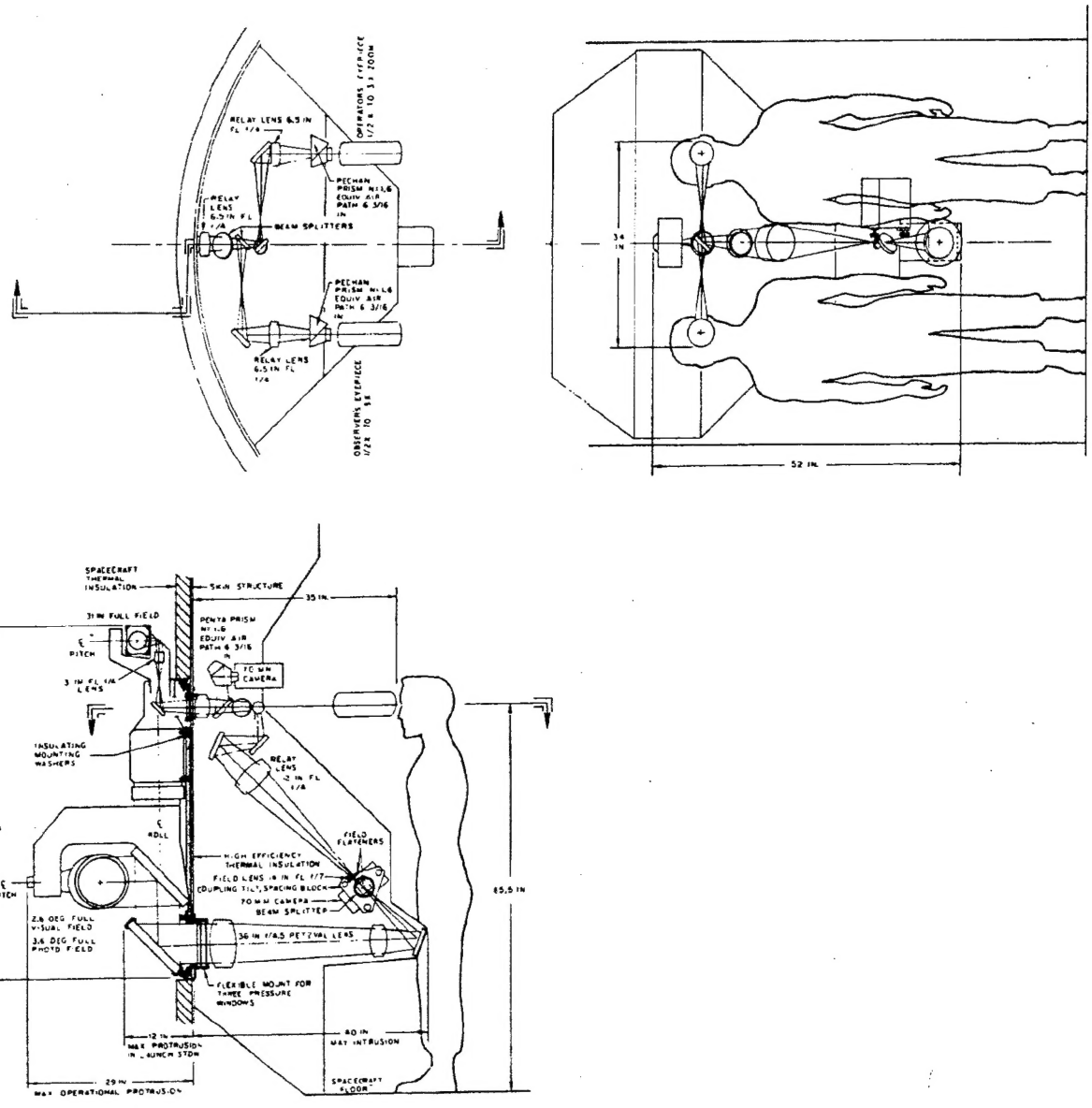
RELAY LENS 6.5 IN FL f/4
OPERATORS EYEPIECE 1/2 x 10 SS 200M
PECHAN PRISM N=1.6 EQUIV AIR PATH 6 3/16 IN
RELAY LENS 6.5 IN FL f/4
BEAM SPLITTERS
PECHAN PRISM N=1.6 EQUIV AIR PATH 6 3/16 IN
RELAY LENS 6.5 IN FL f/4
OBSERVERS EYEPIECE 1/2 x 10 SS
52 IN
SPACECRAFT THERMAL INSULATION
SKIN STRUCTURE
35 IN
31 IN FULL FIELD
PENTA PRISM N=1.6 EQUIV AIR PATH 6 3/16 IN
70 MM CAMERA
3 IN FL f/4 LENS
INSULATING MOUNTING WASHERS
RELAY LENS 12 IN FL f/8
60 IN
FIELD FLATENERS
HIGH EFFICIENCY THERMAL INSULATION
FIELD LENS 8 IN FL f/7
COUPLING TILT SPACING BLOCK
70 MM CAMERA BEAM SPLITTER
85.5 IN
2.8 DEG FULL VISUAL FIELD
3.6 DEG FULL PHOTO FIELD
36 IN f/4.5 PETZVAL LENS
FLEXIBLE MOUNT FOR THREE PRESSURE WINDOWS
12 IN MAX PROTRUSION IN LAUNCH STOW
80 IN MAX INTRUSION
29 IN MAX OPERATIONAL PROTRUSION
SPACECRAFT FLOOR

Figure 3-4. Pointing and Tracking Scope Configuration

This document contains information affecting the national defense of the United States within the meaning of the Espionage Laws, Title 18, U.S.C., Section 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.

NRO APPROVED FOR RELEASE 10 JUNE 2014

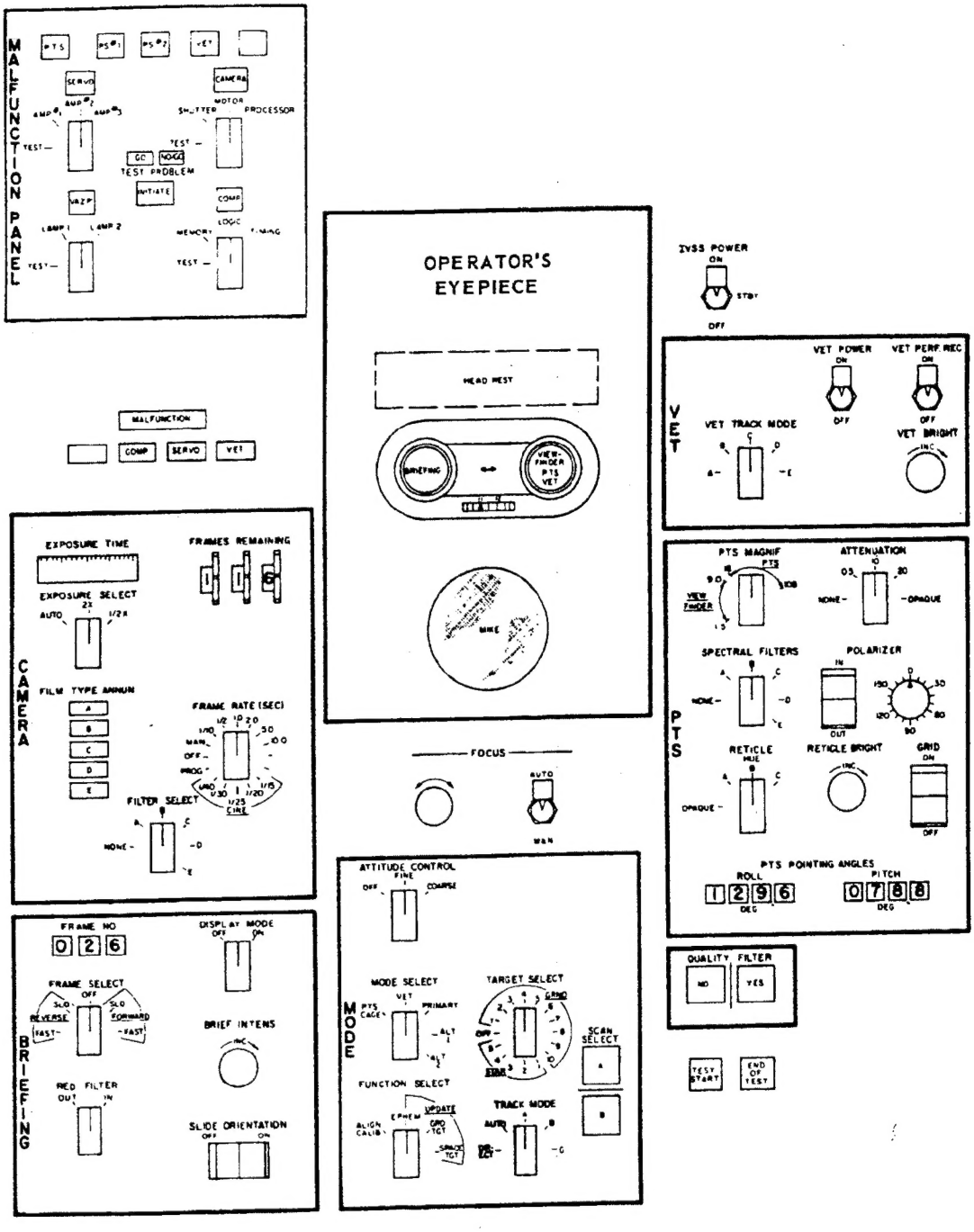

Figure 3-6. IVSS Control Panel

This document contains information affecting the national defense of the United States within the meaning of the Espionage Laws, Title 18, U.S.C., Section 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.